

ABSTRACT OF THE DISCLOSURE

A device detecting the nature of a blow and for measuring a force thereof includes a first sensor integral with a stationary or mobile target for detecting whether the target has been impacted by a mobile body and a second sensor integral with the mobile body for detecting whether the mobile body grazes the target or strikes it. The moving body includes a material highly permeable to a magnetic field and the target includes a device for generating a magnetic field in its vicinity, the magnetic properties of the target being detected by using a magnetic field detector. A method of detecting the nature of a blow and for measuring a force thereof includes detecting whether the mobile body grazes the target or strikes it by creating a magnetic field on a target, and detecting the magnetic properties of the target. The device and method are useful for refereeing a combat sport.